

**REMARKS/ARGUMENTS**

This response is, as requested by the Examiner, intended to be a single replacement amendment for Paper No. 10 and for Paper No. 11.

The above amendments are made to meet the objections and overcome the rejections of the Examiner. Claims 1, 7, 12, 14 and 16 remain for consideration and applicant has added process claims 25, 26, 27, 28, 29, 30 and 31. The Abstract and Specification have been amended as suggested by the examiner.

The amendments have been made to distinguish between apparatus and process claims. Means for language has been added as needed. These amendments are intended to overcome the 35 U.S.C. §101 and §112 rejections.

Claims 1, 7, 12, 14 and 16 have been rejected under 35 U.S.C. §102 as being anticipated by the USP 4,501,125 to Han. The teachings of the Han patent do not anticipate the amended system claims nor the new process claims. Han does not teach the use of a variable speed fan to economize energy consumption or to reduce noise. Han does not teach the use of historical data in suggesting operating parameters. Han does not suggest provision for replacing stale air. Applicants are providing proactively for environmental aspects of providing more comfortable living indoors.

Applicants respectfully request that the Claims as amended and new claims be passed to allowance.

Respectfully submitted,

By 

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